

C L A I M S

1. A cellular X-ray grid, comprising a main grid
portion having a plurality of cells separated from one another
by a plurality of partitions, said main portion on a plan view has a
side which extends parallel to a direction of movement of the
grid during exposure, said cells having sides arranged so
that said sides of the cells are not parallel to said side of
said main portion which is parallel to the direction of
movement of the grid and extend relative to said side of said
main portion at such an angle as to erase an image of the cells
on an X-ray ^{image} picture during exposing with the movement of
the grid.

1 2. A cellular X-ray grid as defined in claim 1,
2 wherein said main portion has a perimeter including formed by said
3 side of said main portion; and further comprising a lining
4 peripherally which surrounds said side of said main portion.

1 3. A cellular X-ray grid as defined in claim 2,
2 wherein said lining has a height corresponding to the height
3 of said main portion and a width sufficient to prevent
4 bending of the grid.

1 4. A cellular X-ray grid as defined in claim 1;
2 and further comprising a layer of an X-ray absorbing material
3 covering all surfaces of said main portion and said lining.

1 5. A cellular X-ray grid as defined in claim 1,
2 wherein said main portion has upper and lower surfaces; and
3 further comprising protective plates covering said upper and
4 lower surfaces and composed of an X-ray transmitting material
5 which allows passage of long wave component of an exposing
6 radiation.

1 6. A cellular X-ray grid as defined in claim 5,
2 wherein said ~~covers~~^{plates} are connected with partitions of said
3 main portion.

1 7. A cellular X-ray grid as defined in claim 5;
2 and further comprising a lining surrounding ~~said sides of~~ said
3 main portion, said covers being connected with said partitions
4 of said main portion and with said lining.

1 8. A cellular X-ray grid as defined in claim 1,
2 wherein said main portion has upper and lower surfaces, said
3 cells having axes extending perpendicular to said surface.

1 9. A cellular X-ray grid as defined in claim 1,
2 wherein said cells have axes which are inclined and focused
3 to one of a point, a line ^{or} and a plane.

05.
11/193

05.
11/193

1 10. A cellular X-ray grid as defined in claim 1,
2 wherein said cells are filled with gas.

a

1 11. A cellular X-ray grid as defined in claim 1,
2 wherein said cells are vacuumed.

add add
add add

add add

add add

add add

add
M2L

add
N4

add
P1